



Image 1762

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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	09/927,003	
	Filing Date	August 8, 2001	
	First Named Inventor	KIM	
	Art Unit	1762	
	Examiner Name	Meeks	
Total Number of Pages in This Submission	C	Attorney Docket Number	TJK/190

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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Douglas S. Rupert, Reg. No. 44,434 Seyfarth Shaw LLP
Signature	<i>Douglas S. Rupert</i>
Date	3/8/04

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TJK/190

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: Byoung-Youp KIM)	METHOD OF FORMING
)	A MOVCD-TiN THIN FILM
Application No. 09/927,003)	
)	Group Art Unit: 1762
Application Filing Date: 08/08/2001)	
)	Examiner: T. Meeks
)	

RESPONSE TO OFFICE ACTION

Commissioner for Patents
Mail Stop: Non-Fee Amendment
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

This paper is filed in response to the Office Action mailed October 23, 2003, in connection with the above-referenced application.

AMENDMENTS

In response to the Office Action of October 23, 2003, please amend the subject application as follows:

IN THE CLAIMS:

Please amend the claims as follows:

1. (Currently Amended) A method of forming a titanium nitride thin film on a substrate disposed on a susceptor in a reaction chamber, comprising:
feeding [[vapor]] vapor of a Tetrakis Diethylamino Titanium (TDEAT) precursor and ammonia (NH₃) gas into the reaction chamber, wherein a ratio of a vaporization rate of the TDEAT precursor to a flow rate of the ammonia gas is a value in the range of 1 mg/min : 20 sccm to 1 mg/min : 100 sccm;